

**METHOD ENABLING REAL-TIME TESTING OF ON-DEMAND  
INFRASTRUCTURE TO PREDICT SERVICE LEVEL AGREEMENT  
COMPLIANCE**

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**Abstract**

Provided is an apparatus and method for demonstrating the efficiency and effectiveness of a customer's information technology (IT) system and applications operating in a shared IT, or electronic business on-demand, environment. A test suite 10 mimics hypothetical settings in an on-demand services environment (129) and then determines how the settings affect the allocation of resources in the on-demand services environment (129). The calculated allocation of resources is then compared to one or more service level agreements (SLAs) in order to determine compliance with a particular SLA.